

# EUROPEAN PATENT OFFICE

## Patent Abstracts of Japan

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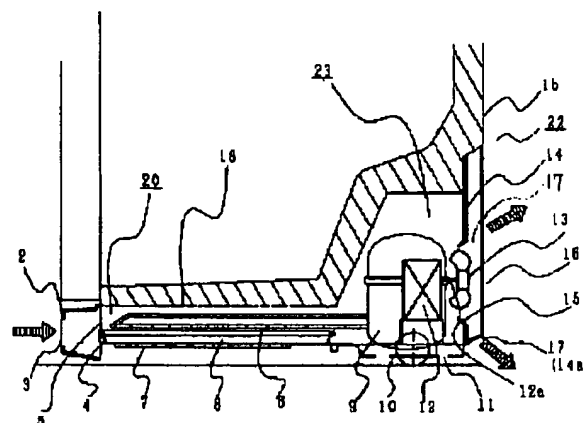
APPLICATION DATE : 30-08-94  
APPLICATION NUMBER : 06204851

APPLICANT : HITACHI LTD;

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TITLE : MACHINE ROOM STRUCTURE FOR REFRIGERATOR



ABSTRACT : PURPOSE: To allow a special vent duct, etc., not to be used by particularly using a cooling fan of suction type to a compressor in a heat radiating structure for effectively cooling a main condenser and the compressor.

CONSTITUTION: In the machine room of a refrigerator for containing a plate condenser 7, a main condenser, an evaporating tray 8, a compressor 9 and a cooling fan 13, the compressor 9 is installed to the depth side from the condenser 7, the main condenser, the tray 8, etc., toward the depth direction, the fan 13 is installed further depth side from the compressor 9, and a back cover 14 is installed further depth. Accordingly, since the main condenser and the compressor can be cooled with the cooling air from the passages, an efficient cooling structure is obtained. Further, since the back cover can be used to exhaust the heated air diffused by the fan, its cost not only becomes advantageous, but also the heat radiation to the upper surface of a deep freezing refrigerator can be facilitated.

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